

Listing of the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

1. (Currently Amended) A baffle comprising:
a plurality of substantially S-shaped baffle members; and
a frame configured to hold the baffle members substantially parallel to each other;
wherein the baffle is configured to separate ~~one or more entrained substances~~ an oleo substance from an air ~~stream~~, stream in a kitchen hood system; and
wherein the baffle is included as part of a separation cartridge, the separation cartridge further comprising another separation medium.
2. (Currently Amended) The baffle of claim 1, wherein ~~at least a portion of the baffle members overlap~~ the another separation medium includes a bed of particles.
3. (Currently Amended) The baffle of ~~claim 2~~ claim 1, wherein the ~~overlapping plurality of substantially S-shaped~~ baffle members form a plurality of channels, each channel having a single entry opening and a single exit opening.
4. (Currently Amended) The baffle of claim 1, wherein the ~~baffle is configured to be included as part of a separation cartridge, the separation cartridge further comprising at least one other separation medium~~ separation cartridge includes a mesh filter.
5. (Currently Amended) The baffle of claim 1, wherein the plurality of baffle members ~~comprise~~ have rounded edges.
6. (Currently Amended) A ~~baffle~~ separation cartridge comprising:
a frame; and
a baffle including a plurality of substantially S-shaped baffle ~~members~~;
~~wherein the frame is configured to hold the baffle members in an overlapping,~~
members positioned in a substantially parallel relationship to each ~~other~~, other; and
another separation medium;

wherein the separation cartridge is configured to separate an oleo substance from an air stream in a kitchen hood system.

7. (Currently Amended) The ~~baffle~~ separation cartridge of claim 6, wherein the ~~baffle separation cartridge~~ is configured to be ~~mounted to~~ mounted in a kitchen hood.

8. (Currently Amended) The ~~baffle~~ separation cartridge of claim 6, wherein the plurality of baffle members ~~comprise~~ have rounded edges.

9. (Currently Amended) The ~~baffle~~ separation cartridge of claim 6, wherein the ~~baffle members define a plurality of channels in which are positioned a separation media. another separation medium includes a mesh filter.~~

10-15. (Canceled)

16. (Currently Amended) A baffle ~~to remove a~~ for removing an oleo substance from an air stream in a kitchen hood system comprising:

~~a frame which includes a first side and a second side; and~~

a plurality of baffle members, the baffle members being substantially parallel to each other and extending between ~~the~~ a first side of the ~~frame~~ baffle and ~~the~~ a second side of the ~~frame~~ baffle, the baffle members defining a plurality of channels each comprising a single entry opening and a single exit ~~opening.~~ opening;

wherein the minimum amount the oleo substance must be deflected to pass through each of the plurality of channels is at least approximately 180 degrees; and

wherein the baffle is configured to separate the oleo substance from the air stream in the kitchen hood system.

17. (Currently Amended) The baffle of claim 16, wherein the ~~minimum amount a substance must be deflected to pass through the channels is at least approximately 180 degrees~~ baffle members are substantially S-shaped.

18. (Currently Amended) The baffle of claim 16, wherein the plurality of baffle members ~~comprise~~ have rounded edges.

19. (Currently Amended) The baffle of claim 16, wherein the minimum ~~amount~~ amount the substance must be deflected to pass through ~~the~~ each of the plurality of channels is at least approximately 200 degrees.
20. (Currently Amended) A ~~baffle separation cartridge~~ comprising:
a baffle including a plurality of baffle members each of which includes has rounded edges configured to deflect an air stream as it passes through the baffle; and
~~a frame configured to hold the baffle members in a substantially parallel relationship to each other.~~
another separation medium;
wherein the separation cartridge is configured to separate an oleo substance from an air stream in a kitchen hood system.
21. (Currently Amended) The ~~baffle separation cartridge~~ of claim 20, ~~wherein a~~ wherein ~~the radius of one of the rounded edges of one baffle member~~ is at least approximately 1.5 ~~times a~~ times the thickness of ~~a wall of the one baffle member~~ members.
22. (Currently Amended) The ~~baffle separation cartridge~~ of claim 20, wherein ~~a radius of the rounded edges is not less than approximately 0.38 millimeters~~ the another separation medium includes a bed of particles.
23. (Currently Amended) The ~~baffle separation cartridge~~ of claim 20, wherein the rounded edges are made by folding ~~a wall of a the baffle member~~ members over on ~~itself~~ themselves.
24. (Currently Amended) A ~~kitchen hood comprising a baffle, the baffle including~~ comprising a plurality of substantially S-shaped baffle members each of which comprises has rounded edges, the baffle being configured to separate an oleo substance from an air stream in a kitchen hood system.
25. (Currently Amended) The ~~kitchen hood baffle~~ of claim 24, wherein the baffle ~~members are substantially S-shaped~~ is configured so that the minimum amount a substance must be deflected to pass through the baffle is at least approximately 180 degrees.

26. (Currently Amended) A baffle separation cartridge comprising:
a baffle including a plurality of substantially S-shaped baffle members; and
a ~~frame configured to hold the baffle members in an overlapping, substantially parallel~~
~~relationship to each other;~~
~~wherein at least some of the baffle members are shaped similar to two conjoined U~~
~~shapes;~~
a mesh filter; and
a bed of particles;
wherein the separation cartridge is configured to separate an oleo substance from an
air stream in a kitchen hood system.
27. (Currently Amended) The baffle separation cartridge of claim 26, wherein the ~~baffle~~
~~members that are shaped similar to two conjoined U shapes are shaped similar to an S shape~~
mesh filter is positioned between the baffle and the bed of particles.
28. (Currently Amended) A baffle comprising:
a plurality of baffle members defining a plurality of channels, each channel being
configured to deflect an air stream in a kitchen hood system as the air stream passes through
the channel;
a frame configured to hold the baffle members in a substantially parallel relationship
to each other; and
~~separation media~~ a plurality of particles positioned inside the channels.
29. (Currently Amended) The baffle of claim 28, wherein the ~~separation media~~
~~comprises~~ particles include inorganic particles.
30. (Currently Amended) The baffle of ~~claim 29~~ claim 28, wherein the ~~inorganic~~
particles are porous.
31. (Canceled)

32. (Currently Amended) A kitchen hood ~~comprising~~ comprising:

a baffle which includes a plurality of substantially S-shaped baffle members, the baffle members being configured to separate one or more entrained substances from an air ~~stream~~.
stream; and

a bed of particles;

wherein the baffle and the bed of particles are positioned in the kitchen hood.

33. (Currently Amended) A baffle comprising:

a plurality of baffle members each of which comprises a base, a first side wall, and a second side wall, the side walls extending outwardly from the same side of the base; and

a frame configured to hold the baffle members in a substantially parallel relationship to each other, the baffle members also being arranged in at least two offset and opposed rows where the first and second side walls of one baffle member extend toward the first and second side walls of the opposed baffle members;

wherein the base of at least some of the baffle members ~~comprises~~ in each of the opposed rows of baffle members comprise a recess where the base extends toward a space which is between two adjacent opposed baffle ~~members~~. members; and

wherein the baffle is configured to separate an oleo substance from an air stream in a kitchen hood system.

34. (Currently Amended) A baffle comprising:

a plurality of baffle members each of which comprises a base, a first side wall, and a second side wall, the side walls extending outwardly from the same side of the base; and

a frame configured to hold the baffle members in a substantially parallel relationship to each other, the baffle members also being arranged in at least two opposed rows where the first side wall of one baffle member extends toward and overlaps the first side wall of another baffle member in an interlocking relationship and the second side wall of the one baffle member extends toward and overlaps the second side wall of yet another baffle member in an interlocking ~~relationship~~. relationship;

wherein the baffle is configured to separate an oleo substance from an air stream in a kitchen hood system.

35-38. (Canceled)

39. (New) The separation cartridge of claim 6, wherein the baffle and the another separation medium are positioned immediately adjacent to or in contact with each other.

40. (New) A separation cartridge comprising the baffle recited in claim 16 and a bed of particles.

41. (New) The separation cartridge of claim 20, wherein the baffle and the another separation medium are positioned immediately adjacent to or in contact with each other.

42. (New) The baffle of claim 24, wherein the plurality of baffle members define a plurality of channels each of which has a single entry opening and a single exit opening.

43. (New) A separation cartridge comprising the baffle recited in claim 24 and a bed of particles.

44. (New) The kitchen hood of claim 32, comprising a mesh filter positioned in the kitchen hood.

45. (New) The kitchen hood of claim 32, wherein the plurality of baffle members have rounded edges.

46. (New) The kitchen hood of claim 32, comprising a separation cartridge that includes the baffle and the bed of particles, the separation cartridge being mounted in the kitchen hood.

47. (New) A kitchen hood comprising:
a baffle including a plurality of baffle members each of which has rounded edges; and
a bed of particles;
wherein the baffle and the bed of particles are positioned in the kitchen hood.

48. (New) The kitchen hood of claim 47, comprising a separation cartridge that includes the baffle and the bed of particles, the separation cartridge being mounted in the kitchen hood.

49. (New) The kitchen hood of claim 47, wherein the plurality of baffle members are substantially S-shaped.
50. (New) A separation cartridge comprising:
a baffle including a plurality of baffle members each of which has rounded edges; and
a bed of particles;
wherein the separation cartridge is configured to separate an oleo substance from an air stream in a kitchen hood system.
51. (New) The separation cartridge of claim 50, wherein the plurality of baffle members are substantially S-shaped.
52. (New) The separation cartridge of claim 50, comprising a mesh filter.
53. (New) The separation cartridge of claim 50, wherein the minimum amount a substance must be deflected to pass through the baffle is at least approximately 180 degrees.
54. (New) The separation cartridge of claim 50, wherein the baffle and the bed of particles are positioned immediately adjacent to or in contact with each other.
55. (New) A separation cartridge comprising:
a baffle including a plurality of substantially S-shaped baffled members; and
a bed of particles;
wherein the separation cartridge is configured to separate an oleo substance from an air stream in a kitchen hood system.
56. (New) The separation cartridge of claim 55, comprising a mesh filter.
57. (New) The separation cartridge of claim 55, wherein the baffle and the bed of particles are positioned immediately adjacent to or in contact with each other.

58. (New) A baffle comprising:

a plurality of substantially S-shaped baffle members;

wherein the minimum amount an oleo substance must be deflected to pass through the baffle is at least approximately 180 degrees; and

wherein the baffle is configured to separate the oleo substance from an air stream in a kitchen hood system.

59. (New) The baffle of claim 58, wherein the plurality of baffle members define a plurality of channels each of which has a single entry opening and a single exit opening.